



Landfill Operations

**SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Resources:					
Reserve for Future Landfill Expansion	\$35,521	\$1,103,355	1,119,751	\$0	\$0
Reserve for Landfill Closure	26,530	553,212	565,889	0	0
Total Estimated Resources	<u><u>\$62,051</u></u>	<u><u>\$1,656,567</u></u>	<u><u>\$1,685,640</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>
 Proposed Projects:					
Development of Landfill Site, Phase IV	\$26,530	\$553,212	\$565,889	\$0	\$0
Closure of Landfill Site, Phase I	35,521	1,103,355	1,119,751	0	0
Total Proposed Projects	<u><u>\$62,051</u></u>	<u><u>\$1,656,567</u></u>	<u><u>\$1,685,640</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>



SOLID WASTE MANAGEMENT FUND CAPITAL PROJECTS FINANCING PLAN

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Balance Forward	\$360,078	\$360,078	\$360,078	\$360,078	\$360,078
Income:					
Transfer From Reserve for Future Landfill Expansion	\$35,521	\$1,103,355	\$1,119,751	\$0	\$0
Transfer From Reserve for Landfill Closure	26,530	553,212	565,889	0	0
Balance and Income	<u>\$422,129</u>	<u>\$2,016,645</u>	<u>\$2,045,718</u>	<u>\$360,078</u>	<u>\$360,078</u>
Cash Flow Requirements					
FY 2005-2009 CIP Projects	\$62,051 ¹	\$1,656,567 ¹	\$1,685,640 ¹	\$0 ¹	\$0
Total Expenditures	<u>\$62,051</u>	<u>\$1,656,567</u>	<u>\$1,685,640</u>	<u>\$0</u>	<u>\$0</u>
Balance Forward	<u>\$360,078</u>	<u>\$360,078</u>	<u>\$360,078</u> ¹	<u>\$360,078</u> ¹	<u>\$360,078</u>

¹ Source: Department of Public Works



FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY					
Project Title	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
SOLID WASTE					
Closure of Landfill Site, Phase I	\$26,530	\$553,212	\$565,889	\$0	\$0
Source of Funding					
Pay-As-You-Go	26,530	553,212	565,889	0	0
Development of Landfill Site, Phase IV	35,521	1,103,355	1,119,751	0	0
Source of Funding					
Pay-As-You-Go	35,521	1,103,355	1,119,751	0	0
Total Estimates Submitted 2007-2011 CIP	\$62,051	\$1,656,567	\$1,685,640	\$0	\$0
Source of Funding					
G.O. Bond	\$0	\$0	\$0	\$0	\$0
Pay-As-You-Go	\$62,051	\$1,656,567	\$1,685,640	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 7/1/2005	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
\$1,145,631	\$0	\$0	\$1,145,631
2,258,627	0	0	\$2,258,627
<hr/>			
\$3,404,258	\$0	\$0	\$3,404,258
\$0			
\$3,404,258			
\$0			
\$3,404,258			



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM ——— SOLID WASTE MANAGEMENT

SERVICE AREA
Solid Waste Management Fund

DEPARTMENT
Public Works

LOCATION
2525 Concord Turnpike

PROJECT TITLE
CLOSURE OF LANDFILL SITE, PHASE I

PROJECT #(If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Revision Adjusted timetable (schedule and timeline) and inflation factor.

Project Photograph
Unavailable

PROJECT DESCRIPTION

Closure of approximately eight (8) acres of the City's landfill development in response to statutes and regulatory mandates by the Commonwealth of Virginia.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 4: Maintain the focus on the City's long term solid waste management needs, including the regionalization of solid waste management services. Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity.

PROJECT MANAGER(S)
David Owen, Michael McElhare
and Felicia West

PROJECT START DATE 01/2007
PROJECT COMPLETION DATE 12/2008

FIXED ASSET DESIGNATION
Maintenance/Capital Outlay

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		8	8	8	8	17	17	17	17										
						25	25	25	25										

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Undetermined at this time

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/1/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2011 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$1,145,631	\$0	\$1,145,631

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	2,175	8,223	4,852			\$15,250
Consultant Engineering	24,355	76,108	54,341			\$154,804
Contract Administration (Contractual)		27,182	28,541			\$55,723
Construction		441,699	463,783			\$905,482
Miscellaneous			14,372			\$14,372
TOTAL	\$26,530	\$553,212	\$565,889	\$ 0	\$ 0	\$1,145,631

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4010 Solid Waste Capital Project Fund	26,530	553,212	565,889			\$1,145,631
TOTAL	\$26,530	\$553,212	\$565,889	\$ 0	\$ 0	\$1,145,631

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	26,530	553,212	565,889			\$1,145,631
TOTAL	\$26,530	\$553,212	\$565,889	\$ 0	\$ 0	\$1,145,631

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = 0

DEPARTMENT PRIORITY

☒ Project has legal or regulatory mandate

☒ Project supports essential services



FY 2007 – 2011 CAPITAL IMPROVEMENT PROGRAM ——— SOLID WASTE MANAGEMENT

SERVICE AREA
Solid Waste Management Fund

DEPARTMENT
Public Works

LOCATION
2525 Concord Turnpike

PROJECT TITLE
DEVELOPMENT OF LANDFILL SITE, PHASE IV

PROJECT #*(If existing)*
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Revision Adjusted timetable (schedule of project and timeline) and inflationary factor.

Project Photograph
Unavailable

PROJECT DESCRIPTION

Open Phase IV of the 4-phase landfill development project, in response to statutes and regulatory mandates by the Commonwealth of VA including additional ravine excavation, installation of clay & plastic liners and extension of the leachate system.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 4: Maintain the focus on the City's long term solid waste management needs, including the regionalization of solid waste management services. Objective 4.A. Surplus Capacity. Maintain surplus landfill capacity.

PROJECT MANAGER(S)
David Owen, Michael McElhare
and Felicia West

PROJECT START DATE 01/2007
PROJECT COMPLETION DATE 12/2008

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% *Appropriation Needed*
Engineering & Architectural
Construction

FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		8	8	8	8	17	17	17	17										
						20	30	40	10										

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Undetermined at this time

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/1/05	FY 2007 -2011 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$2,258,627	\$0	\$2,258,627

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	3,229	7,500	4,281			\$15,010
Consultant Engineering	32,292	110,678	81,035			\$224,005
Contract Administration (Contractual)		16,649	17,481			\$34,130
Construction		959,930	1,007,926			\$1,967,856
Miscellaneous		8,598	9,028			\$17,626
TOTAL	\$35,521	\$1,103,355	\$1,119,751	\$ 0	\$ 0	\$2,258,627

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4010 Solid Waste Capital Project Fund	35,521	1,103,355	1,119,751			\$2,258,627
TOTAL	\$35,521	\$1,103,355	\$1,119,751	\$ 0	\$ 0	\$2,258,627

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	35,521	1,103,355	1,119,751			\$2,258,627
TOTAL	\$35,521	\$1,103,355	\$1,119,751	\$ 0	\$ 0	\$2,258,627

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = 0

DEPARTMENT PRIORITY

☒ Project has legal or regulatory mandate

☒ Project supports essential services

**HISTORICAL QUOTE:**

“On the 7th of October I arrived in the town of Lynchburg after an absence from it of nearly three years. I was astonished at the changes which, during this period, had been made. New streets opened, new buildings erected, bustle and activity in every direction, showed it to be a place of considerable and growing importance. The business part of town lies at the foot of a hill, along the margin of the river, quite convenient to the boat navigation; and when the improvements, now begun, shall have been completed, it will be neat, agreeable, and sufficiently handsome. At a little distance from the river the ground is broken into hills, which afford various pleasant and almost picturesque prospects to the beholder. On these hills, quite decent houses for family residences are rising up with great rapidity.”

John Holt Rice, “An Excursion into the Country” 1818

*-- S. Allen Chambers, Lynchburg An Architectural History,
University Press of Virginia, 1982.*